

3180 Rectangular and 4020 Round High Torque Actuator Power Open or Power Close, Spring Return

The Young 3180 Rectangular and 4020 Round two position dampers are designed especially for use in zone control, air inlet, and exhaust air vents, although they may be used to control air flow in any system duct. The damper can be manufactured to power open, spring close, or power close, spring open. The high torque actuator is available in 24 Volts or 115 Volts.

Features:

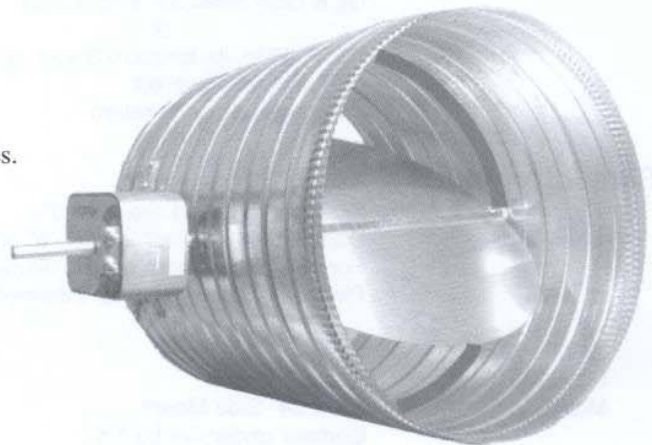
For 3180:

- Heavy-duty extruded aluminum and stainless steel construction for long, corrosion-resistant life.
- Opposed blade damper distributes air evenly over face of grille.
- New, individual blade bushings for smoother and quieter operation.
- Direct drive, no linkage.
- Mounting plate provided for slip-in installation in the side of the duct.
- Rated to 1" W.C.



For 4020:

- 90° butterfly design.
- Spiral shell is constructed of heavy duty galvanized steel with rolled-in stiffening beads for superior rigidity. Shell has one crimped and one straight end.
- New "V" style damper blade is secured with steel shafts and oil impregnated bronze bearings requiring no lubrication.
- EPDM low leakage seals.
- Rated to 3" W.C.



Available Sizes:

Sizes for the 3081 range from 8 x 6 through 24 x 24.
Please contact the factory for intermediate and larger sizes.
Sizes for the 4081 are 4" - 20".
Damper length is 10" for 4" - 8" diameter.
For 10" - 20", (length equals diameter.)
Please call the factory for intermediate or larger sizes.

Options:

- Power Open, Spring Return (PO) or Power Close, Spring Open (PC)
- One optional SPDT Auxiliary Switch
- 24V or 115 V motor
- Modulating motor (model 4075)

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